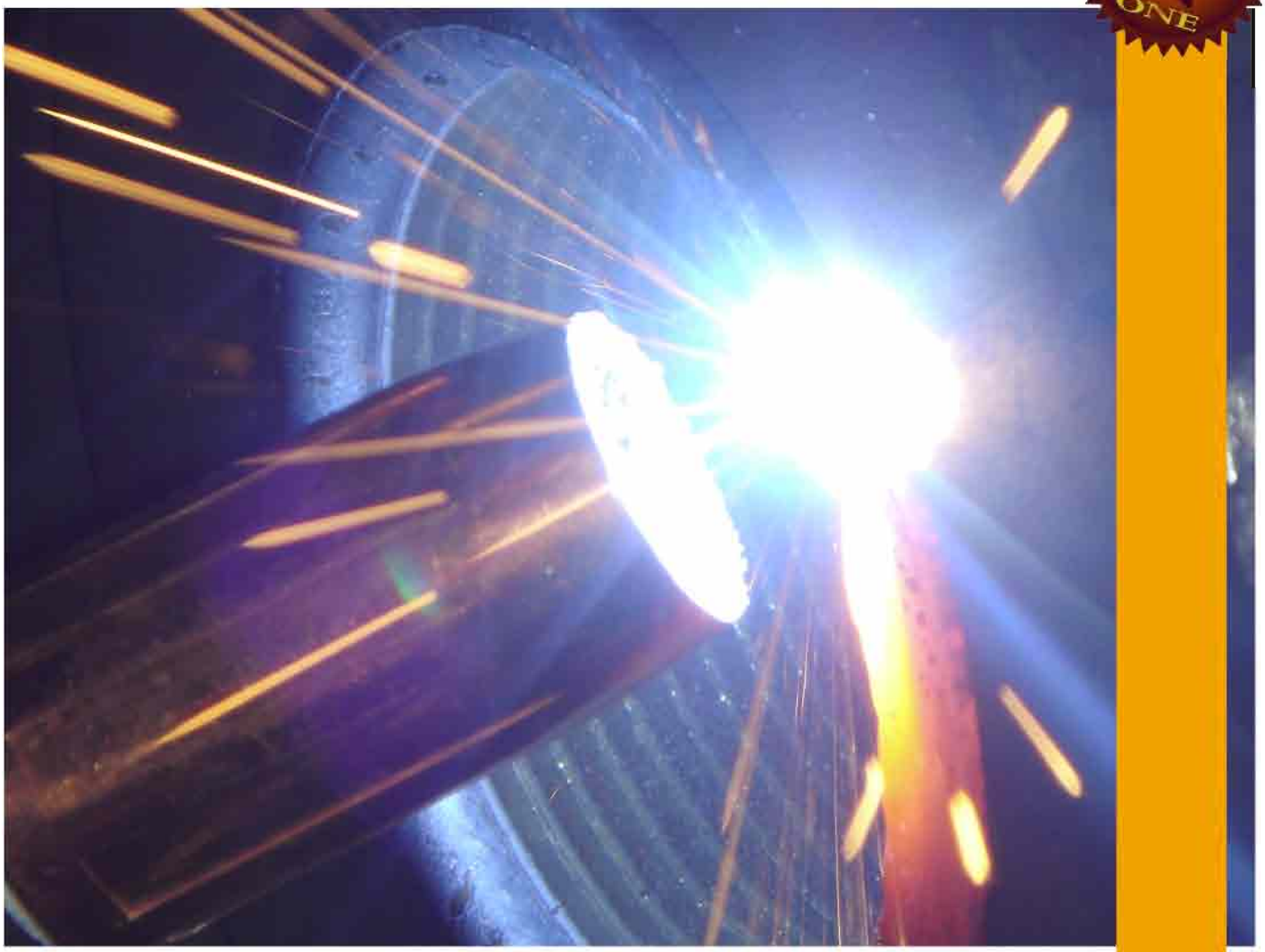
QUALITY
BORE REPAIR
SOLUTIONS



Professional bore welders, boring bars and accessories

BORE REPAIR Systems, Inc.

THE BEST OR NOTHING

Value - Experience - Service - Support

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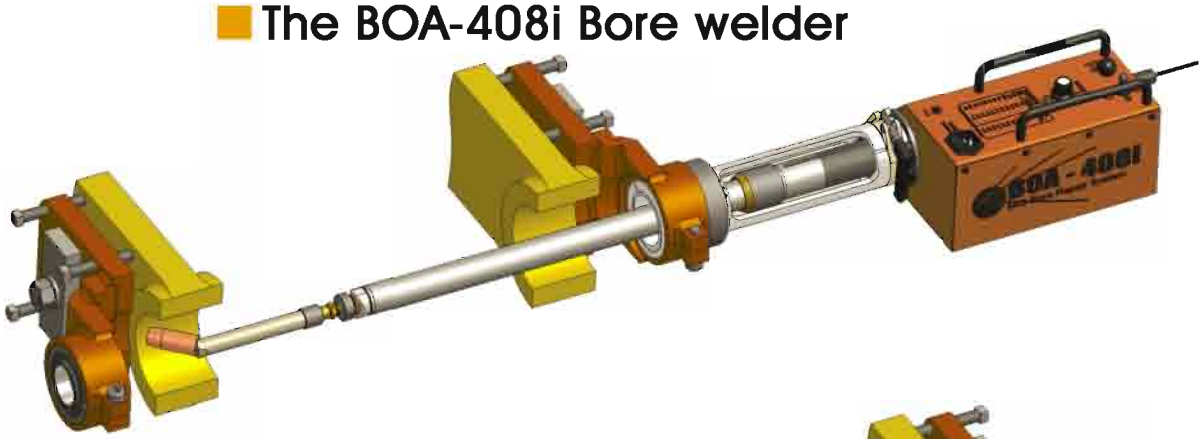
BORE REPAIR MADE EASY

BORE REPAIR Systems, Inc.
THE BEST OR NOTHING

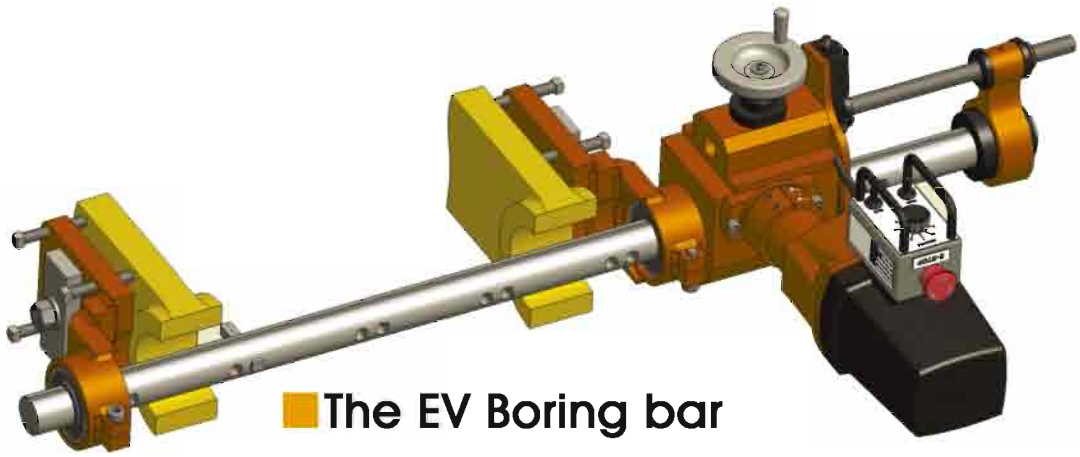
Introducing our elegantly simple, ultra reliable bore welders and boring bars for top quality bore repairs on all types of machinery.

The BOA-408i Bore welder



The BOA-M1 Bore welder

Bore welder and boring bar are integrated with our center mount system. This gives unparalleled ease of setup and use on all makes, models and types of equipment.



The EV Boring bar

The professional's choice...worldwide.

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Bore Repair Systems, Inc. equipment is designed by users, for users. This is why our systems are the only portable bore repair systems that are built with the TOP 10 most valuable features in the industry.

TOP 10 LIST OF MOST VALUABLE FEATURES FOR EASY BORE REPAIR

#1 -Pass-thru drive design on both bore welder and boring bar - you will not have to re-mount the boring bar or welder drive when working on widely spaced bores on heavy equipment

#2 - Telescoping and reversible welding gun - no clumsy welding gun extensions are required when welding multiple inline bores

#3 - Center-mount bore welder to boring bar interface - simply attach your bore welder directly on centerline of boring bar with no centering or realignment needed

#4 - Mechanical axial feed can never get out of calibration - no chance of weld penetration problems with a BOA

#5 - Unique standard adjustable welding gun has the llargest diameter range range in the industry - no need for multiple welding guns

#6 - Welding gun nozzles are electrically isolated and will not "arc out" when making contact with bore wall

#7 - Standard welding guns utilize inexpensive and easy to change thread-on welding tips and nozzles

#8 - Dual tool ports on boring bars - enables easy, accurate bore diameter measurements and tool adjustments, without having to remove bar or cutter

#9 - Mechanical feed system on all boring bar drives - fixed or variable feed rates run in direct conjunction with bar rotation providing smoothest possible surface finishes

#10 - Infinitely adjustable rotation speeds on boring bar drives enable use of wide variety of cutters including carbide, high speed steel and snap-ring cutters

CUSTOMER COMMENTS:

>Rick from Smitty's writes:
"We absolutely love our Bore Repair System. We've been doing lots of ID's and OD's and it just works great!"

>MJ McCarroll writes:
"I would not trade my BOA bore welder for anything, it is that good."

>Turner Diesel writes:
"I am amazed at how great our BOA bore welder works, it's been a real asset to our business."

>Gary from Clark's Repair writes:
"Man I love my Bore Repair System, it just works great."

>Dan A. writes:
(After 5 years of ownership) "I use my BOA bore welder all the time and am considering adding a second machine soon...It has been an excellent addition to my business and always works for me and does a great job."

>Joe L. writes:

"I purchased one of your BRS3 welding/boring systems from you and just wanted to let you know that it is everything you said it was, I am very pleased with it, and thank you."

>Peter M. writes:
"The BRS3 boring and welding system I purchased from you works great. You have a very good product."

All of us at Bore Repair Systems, Inc. look forward to working with you and helping you with all your bore repair needs.

The professional's choice...worldwide.

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SETUP OF BORE REPAIR SYSTEM

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#1. Center boring bar using centering kit & attach supports

#2. Insert boring bar drive and motor

#3. Machine the bore to clean and prepare for welding

#4. Insert BOA bore welder into support using interface kit

#5. Attach BOA bore welder to your MIG feeder and apply weld

#6. Slide boring bar back through supports and machine bore to size

Time is money and our integrated BRS systems saves you both. Cut welding time by 80% and machining time by 50% by using reliable, affordable Bore Repair Systems' integrated bore welder and boring bar systems.

The professional's choice...worldwide.

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BOA-408i series Automatic Bore Welding System

(popular choice for most heavy equipment bore repair jobs)

The BOA-408i automatic bore welding system is designed for users who demand durability, ease of setup and precision without unnecessary complication.

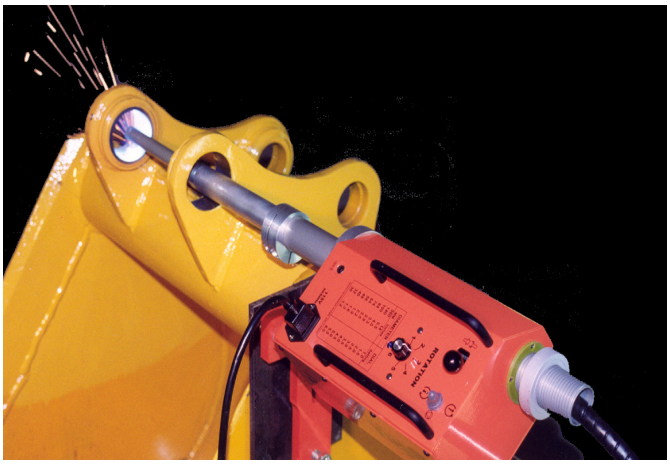
Coupled with one of Bore Repair Systems' boring bars and new Center Support System, it will provide you with a means of repairing worn bores on all types of equipment in the fastest, most efficient way possible. Awarded numerous design patents, owners of our BOA systems quickly realize they made the right decision when choosing Bore Repair Systems' products. The BOA systems are the simplest to set up, the simplest to use and offer the highest levels of precision all at very reasonable prices.

The BOA-408i is conveniently offered in 5 packages, ranging from the basic BOA-408i S1 for internal bore buildup to the fully loaded BOA-408i S5 which features all the upgrades available including long stroke, auto-skip, face welding, outside diameter welding and even a BOA-M1 compact bore weld drive head and gun assembly.

The BOA-408i bore welder system is also offered in complete, turnkey kit form with integrated boring bar system. See our BRS2-BRS7 integrated bore welding and machining systems.

Already own a boring bar system but need to automate your bore welding process? The BOA-408i is for you too. Any BOA-408i system is available with boring bar interface kits to fit any brand boring bar system that you may now own.

Bore Repair Systems, Inc. offers many convenient purchase plans including rent-to-own and lease finance options. Contact us today at 603-835-2409 or visit our website at www.borerepair.com.



BOA-550HD series Automatic Bore Welding System

(popular choice for large diameter ID and OD welding & cladding jobs)

The BOA-550HD automatic bore welding system is designed for users who demand durability, ease of setup and precision without unnecessary complication.

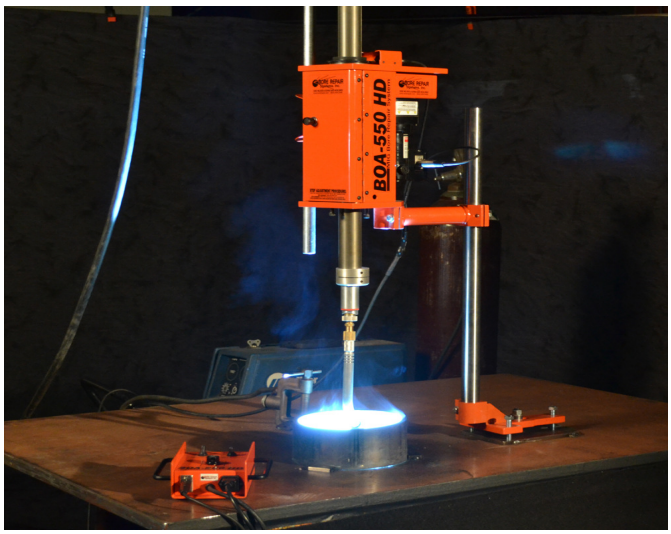
The patented BOA-550HD bore welder features a unique variable feed mechanical drive system that gives users the option of varying the distance between weld beads. Due to the design features of the feed system, and the fact that it does not require a second motor for axial feed, the machine is very simple to operate and does not require feed recalibrations. This also means that you do not have to worry about bead to bead spacing and possible lack of weld bead fusion to the base metal.

The BOA-550HD is designed to weld at amperages as high as 300, and a feed rate of up to 6.4mm (.25”). This allows vary high weld deposition rates and minimal cycle time. Also, the 410mm (16”) stroke allows long duration welds without stopping.

The BOA-550HD is user friendly, simple to operate, extremely durable and is designed to be easily setup and operated.

Weighing just 14Kgs (30 Lbs) the BOA-550HD drive is easily and safely setup and handled by one person. Bores, faces and outside diameters up to 1.8m (72”) can be welded wtih the BOA-550HD

Bore Repair Systems, Inc. offers many convenient purchase plans including rent-to-own and lease finance options. Contact us today at 603-835-2409 or visit our website at www.borerepair.com.



BORE REPAIR Systems, Inc.

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Pat. 6,137,076 Pat. 6,448,531 Pat. 6,737,608 Pat. 6,284,995 Pat. 6,486,438

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05/2012

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BOA-M1 Bore Welding System

(our most compact and affordable bore welding system)

The BOA-M1 basic bore welding system is Bore Repair Systems' most compact and affordable bore welder. The welder drive and spindle assembly will fit nearly anywhere at just under 280mm (11.0") long.

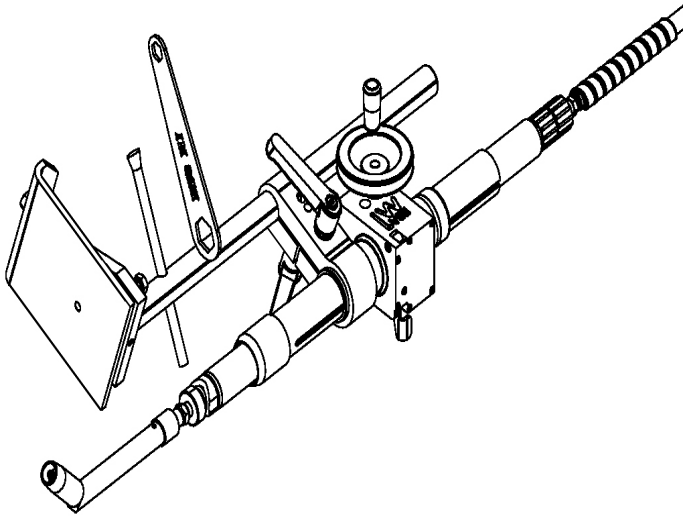
The BOA-M1 basic package is extremely versatile. With standard components, it can reach bores nearly 610mm (24") away from its' mount location, or bores over 1.2m (48") apart from one another when mounted between bores.

The BOA-M1 design is elegantly simple and extremely durable, very easy to set up and operate. It utilizes the same gun and conduit system as the BOA-408i so parts are interchangeable.

While the BOA-M1 bore welding system is a popular choice with our existing BOA-408i and BOA-550HD customers who are interested in a second bore welder that can fit in tight, restricted access bore repair jobs, it is also very popular with our new customers who are just starting out who need a bore welder that will give top quality professional results at the lowest possible entry price.

The BOA-M1 comes complete with a hand feed wheel and rotation speed timer with chart. This ensures smooth, even weld bead application every time. The BOA-M1 can also be easily driven automatically with a basic hand drill and our optional trigger lock kit.

Please call us today at 603-835-2409 or visit our website at www.borerepair.com Several purchase and leasing options are available.



ONE-STEP INTEGRATED COMPLETE BORE REPAIR SYSTEMS

Model: BRS2, BRS3 and BRS4—(Typically used for heavy equipment bore repair)

The Bore Repair Systems, Inc. BRS2, BRS3 and BRS4 bore repair packages have been our most popular selling packages. The bore welder and boring bar feature the popular, mount anywhere pass-through drive systems. On bores where there may be restricted access, or bores that are spaced far apart, the pass-through drive design gives you the flexibility to mount where it makes the most sense, such as between the bores. On jobs such as payloader lift arm bores, the BOA-408i can be center-mounted and can weld out either end of the machine with one simple operation, without ever losing system center...this is unique to the BOA-408i design. On blind bores, our systems do not require special cumbersome remote mounting kits or various length bars because with our pass-through design the excess bar simply comes out of the back end of the machine. The BRS packages share one mount for boring and welding which allows fast setup and rapid transitions from boring to the welding process.

MODEL: BRS2 Bore welding & machining package— for 1.8” to 10.0” dia repairs

Package (shown above) Includes:

- Bore welding head, 110v or 220v drive with variable feed direction and RPM
- Extendable, reversible welding shaft with 90” total extended reach from bore to bore (expandable)
- 10’ 150amp welding conduit with universal end (hi-amp upgrades are available)
- Aluminum diamond-plate custom storage cases
- Spare nozzle, tip and diffuser assortment
- Arc-resistant heatsink style adjustable welding head which can weld bores from 1.25” to 11.0” dia
- Micro welding head for welding bores down to .8” dia
- Setup manuals & dvd
- Remote weld trigger for partial bore welding or skipping over no-weld areas
- Fully 360 degree adjustable mounting system enabling control placement where it is most convenient
- Boring bar drive, 110v or 220v drive with variable feed direction and RPM
- 72” long x 1.75” dia. Bar with dual 1/2” tool ports—enabling easy bore measurements w/out tool removal
- Centering kit (solid steel cones) with unique one-person centering cone spanner tightening system
- Two auxiliary spherical self-aligning bar support bearings and one primary bar/machine support (adjustable)
- Sharpened 1/2” square high-speed tool (carbide optional)
- Bore welder to boring bar interface package enables bore welder to mount directly to boring bar bearings or support
- Setup sleeve for easy machine support setup
- Tool kit
- Boring bar tool extender for sturdy tool holding when machining larger bores
- Corrosion-resistant materials used throughout both boring and welding system for years of shop and field reliability

MODEL: BRS3 Bore welding & machining package—for 1.4” to 10.0” dia repairs

#1 Seller

Package Includes all items above plus:

- 72” long x 1.25” dia bar with dual 3/8” tool ports + tooling
- Centering cone & bushing kit for 1.75” to 1.25” conversion

MODEL: BRS4 Bore welding & machining package—for 1.0” to 10.0” dia repairs

Package Includes all items above plus:

- 48” long x .875” dia bar with 1/4” tool ports + tooling
- Centering cone & bushing kit for 1.75” to .875” conversion

ADD: Accessory kit #KBCC to maximize the versatility of these packages. It contains all of the popular BRS options.

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02/2012

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ONE-STEP INTEGRATED COMPLETE BORE REPAIR SYSTEMS

Model: BRS5—(Typically used for heavy equipment bore repair)

The Bore Repair Systems, Inc. BRS5 Boring bar & welder package is a popular midsize bore repair system. The bore welder and boring bar feature the popular, mount anywhere pass-through drive systems. On bores where there may be restricted access, or bores that are spaced far apart, the pass-through drive design gives you the flexibility to mount where it makes the most sense, such as between the bores. On jobs such as payloader lift arm bores, the BOA-408i can be center-mounted and can weld out either end of the machine with one simple operation, without ever losing system center...this is unique to the BOA-408i design. On blind bores, our systems do not require special cumbersome remote mounting kits or various length bars because with our pass-through design the excess bar simply comes out of the back end of the machine. The BRS packages share one mount for boring and welding which allows fast setup and rapid transitions from boring to the welding process.

MODEL: BRS5 **Bore welding & machining package— for 24-305mm (1-12”) diameter bore repair**

Package (shown above) Includes:

- Bore welding head, 110v or 220v drive with variable feed rotation speed, reversible rotation & feed direction
- Extendable, reversible welding shaft with 90” total extended reach from bore to bore (expandable)
- 10’ 150amp welding conduit with universal end (hi-amp upgrades are available)
- Aluminum diamond-plate custom storage cases
- Spare nozzle, tip and diffuser assortment
- Arc-resistant heatsink style adjustable welding head which can weld bores from 1.25” to 11.0” dia
- Micro welding head for welding bores down to .8” dia
- Setup manuals & dvd
- Remote weld trigger for partial bore welding or skipping over no-weld areas
- Fully 360 degree adjustable mounting system enabling control placement where it is most convenient
- 72” long x 1.25” dia bar with dual 3/8” tool ports + tooling
- **48” long x .875” dia bar with 1/4” tool ports + tooling**
- Boring bar drive, 110v or 220v drive with variable feed direction (electric drive hydraulic pump)
- 72” long x 1.75” dia. Bar with dual 1/2” tool ports—enabling easy bore measurements w/out tool removal
- Centering kit (solid steel cones) with unique one-person centering cone spanner tightening system
- Two auxiliary spherical self-aligning bar support bearings and one primary bar/machine support (adjustable)
- Sharpened 1/2” square high-speed tool (carbide optional)
- Bore welder to boring bar interface package enables bore welder to mount directly to boring bar bearings or support
- Setup sleeve for easy machine support setup
- Tool kit
- Boring bar tool extender for sturdy tool holding when machining larger bores
- Corrosion-resistant materials used throughout both boring and welding system for years of shop and field reliability
- Centering cone & bushing kit for 1.75” to 1.25” conversion
- **Centering cone & bushing kit for 1.75” to .875” conversion**

ADD: Accessory kit #KBCC to maximize the versatility of these packages. It contains all of the popular BRS options.

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ONE-STEP INTEGRATED COMPLETE BORE REPAIR SYSTEM

Model BRS6—(Popular for large diameter heavy equipment bore repair)

The Bore Repair Systems, Inc. BRS6 bore repair packages are selected by customers who have large diameters to repair, generally from 2.5" up to as large as 24". The bore welder and boring bar feature the popular, mount anywhere pass-through drive systems. On bores where there may be restricted access, or bores that are spaced far apart, the pass-through drive design gives you the flexibility to mount where it makes the most sense, such as between the bores. On jobs such as payloader lift arm bores, the BOA-408i can be center-mounted and can weld out either end of the machine with one simple operation, without ever losing system center...this is unique to the BOA-408i design. On blind bores, our systems do not require special cumbersome remote mounting kits or various length bars because with our pass-through design the excess bar simply comes out of the back end of the machine. The BRS packages share one mount for boring and welding which allows fast setup and rapid transitions from boring to the welding process.

MODEL: BRS6 **Bore welding / machining package— for 2.5" to 18.0" dia repairs**

Package (shown above) Includes:

- Bore welding head, 110v or 220v drive with variable feed direction and RPM
- Extendable, reversible welding shaft with 90" total extended reach from bore to bore (expandable)
- 10' 150amp welding conduit with universal end (hi-amp upgrades are available)
- Aluminum diamond-plate custom storage cases
- Spare nozzle, tip and diffuser assortment
- Arc-resistant heatsink style adjustable welding heads & extensions which can weld bores from 1.25" to 21.0" dia
- Micro welding head for welding bores down to .8" dia
- Setup manuals & dvd
- Remote weld trigger for partial bore welding or skipping over no-weld areas
- Fully 360 degree adjustable mounting system enabling control placement where it is most convenient
- Boring bar drive, 110v or 220v drive with variable feed direction RPM and variable feed rate (hydraulic or air power options also available)
- 72" long x 2.25" dia. Bar with dual 1/2" tool ports—enabling easy bore measurements w/out tool removal
- Centering kit with unique aluminum split finned feature enabling installation and removal in tight spaces
- Two auxiliary spherical self-aligning bar support bearings each of which can also support the feed unit
- Sharpened 1/2" square high-speed tool (carbide optional)
- Bore welder to boring bar interface package enables bore welder to mount directly to boring bar bearings or support
- Modular axial feed box can be mounted independently of the rotational head if desired or required.
- Tool kit
- Boring bar tool extender kit for sturdy tool holding when machining larger bores
- Corrosion-resistant materials used throughout both boring and welding system for years of shop and field reliability

- This system may be upgraded to machine and weld larger bores. The BOA-408i S2 can be equipped to weld up to 48" diameter, and the BB6 boring system can be equipped to bore up to 30" diameter. Face welding, machining and snap-ring cutting capabilities may also be added to the BRS 6 package.
- A wide selection of various length boring bars is available for the BB6 boring system. The BB6 boring system also may be equipped with the small bore package, which enables it to machine bores as small as 1.5" diameter.

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ONE-STEP INTEGRATED COMPLETE BORE REPAIR SYSTEMS

Model: BRS7—(Typically used for large, stationary equipment bore repair)

The Bore Repair Systems, Inc. AM7 bore repair package will repair bores from 35-610mm diam (1.5-24") The bore welder and boring bar features the popular, mount anywhere pass-through drive systems. On bores where there may be restricted access, or bores that are spaced far apart, the pass-through drive design gives you the flexibility to mount where it makes the most sense, such as between the bores. On jobs such as payloader lift arm bores, the BOA-408i can be center-mounted and can weld out either end of the machine with one simple operation, without ever losing system center...this is unique to the BOA-408i design. On blind bores, our systems do not require special cumbersome remote mounting kits or various length bars because with our pass-through design the excess bar simply comes out of the back end of the machine. The BRS packages share one mount for boring and welding which allows fast setup and rapid transitions from boring to the welding process.

MODEL: BRS7

Bore welding & machining package— for 35-610mm (1.5-24") diameter repairs

Package (shown above) Includes:

- Keyed, modular bar drive
- Bar axial feed arm w/wear compensation
- 120v / 240v hydraulic pump unit
- (2) spherical bar supports
- (2) adjustable bar / gearbox supports
- Centering cone pack with compressor sleeve
- Steel support brackets
- Remote control pendant
- (2) 1.8m (6') & (2) 2.4m (8') boring bars 1.25" and 2.0" diameter
- 1/2" pre-sharpened tool bit with facing grind
- Setup and users manual with video CD
- Custom carrying/storage case
- 1.8m (6') 32mm (1.25") dia. chrome bore bar
- 3/8" pre-sharpened tool bit with facing grind
- Centering cone pack for 32mm (1.25") bar
- 32mm Reducer kit for bearings & drive
- Matching range BOA-408i bore welder
- BOA-408i to AM7 Center support interface package

NOTE: Popular options designed specifically for this system include the #K94.13 low profile alignment package, the carbide tooling option #K91.11, the thru bar bore measuring package # K92.10 and the digital tool bit adjuster #K93.12

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BOA-408i Bore welder packages

BOA-408i S5 System	BOA-408i S4 System	BOA-408i S3 System
Standard Capabilities: I.D. Weld range: 20mm-1.2m (.8-48") O.D. Weld range: 20mm-1.02m (.8-40") Face Welding: 20-610mm (.8-24") diameter Stroke: 318mm (12.5") Pass-thru & telescopic Long-duration welding at high amperage Auto-weld skip for partial bore welding Can weld in compact spaces (use BOA-M1 drive) Can weld two bores at once (2 feeders needed)	**Standard Capabilities:** I.D. Weld range: 20mm-914mm (.8-48") O.D. Weld range: 20mm-914mm (.8-36") Face Welding: 20-610mm (.8-24") diameter Stroke: 318mm (12.5") Long-duration welding High amperage operation Pass-through gun drive with tool-less telescoping feature and full, tool-less reversibility	**Standard Capabilities:** I.D. Weld range: 20mm-914mm (.8-31") O.D. Weld range: 20mm-305mm (.8-12") Face Welding: 20-610mm (.8-24") diameter Stroke: 318mm (12.5") Long-duration welding High amperage operation Pass-through gun drive with tool-less telescoping feature and full, tool-less reversibility
Standard equipment:	**Standard equipment:**	**Standard equipment:**
Welding gun drive 120v/240v AC automatic	Welding gun drive 120v/240v AC automatic	Welding gun drive 120v/240v AC automatic
Long stroke telescopic ball spindle	Long stroke telescopic ball spindle	Long stroke telescopic ball spindle
Standard weld gun assembly	Standard weld gun assembly	Standard weld gun assembly
Heavy duty conduit with remote weld switch	Heavy duty conduit with remote weld switch	Standard conduit with remote weld switch
Standard gun extension tube assembly	Standard gun extension tube assembly	Standard gun extension tube assembly
Micro weld gun assembly	Micro weld gun assembly	Micro weld gun assembly
Weld gun extensions, 152 & 254mm (6 & 10")	Weld gun extensions, 152 & 254mm (6 & 10")	Weld gun extensions, 152 & 254mm (6 & 10")
Bore welder support tube	Bore welder support tube	Bore welder support tube
Radial support arm	Radial support arm	Radial support arm
Tool kit	Tool kit	Tool kit
Deluxe consumables kit	Deluxe consumables kit	Standard consumables kit
Diamond plate carry case	Diamond plate carry case	Diamond plate carry case
Users and setup manual	Users and setup manual	Users and setup manual
Outside diameter welding gun	Outside diameter welding gun	Outside diameter welding gun
Adjustable "T" base and tack plate kit	Adjustable "T" base and tack plate kit	Adjustable "T" base and tack plate kit
Large diameter welding gun	Large diameter welding gun	Large diameter welding gun
Large diameter welding gun extenders (2)	Large diameter welding gun extenders (2)	Large diameter welding gun extenders (2)
Radial extenders for large diameter reach (3)	Radial extenders for large diameter reach (2)	Radial extenders for large diameter reach (2)
Face welding gun kit	Face welding gun kit	Face welding gun kit
Handheld welding gun with quick connect	Handheld welding gun with quick connect	Handheld welding gun with quick connect
Beam gun kit for large ID and OD welding	Beam gun kit for large ID and OD welding	
Low-speed kit for precision control in large bores	Low-speed kit for precision control in large bores	
BOA-M1 compact bore welder		
Hex BOA-M1 borewelder support kit		
Compact gun extension tube assembly		
Standard conduit assembly		
Short telescopic ball spindle		
Stub weld gun assembly		
Auto-Skip feature installed for partial bore weld		

NOTE:
All BOA-408i bore welder systems feature the pass-through drive system design. This enables simple bore-to-bore transitions by simply telescoping or retracting the bore welder gun extension assembly. The BOA-408i may also be mounted between a set of bores, and can weld our either end of the bore welder. This is a very handy feature for working on bores such as those found on the front of a pay loader because by center mounting the BOA-408i drive, only one setup is required to weld both left and right side bores. Diameter adjustment is a snap with the BOA torch pivot mechanism, also included with all BOA-408i bore welder systems.

All BOA-408i bore welder systems may be equipped with the bore welder to boring bar interface for true plug and play simplicity. Once the Bore Repair Systems, Inc. boring bar is set up, the bore welder simply plugs in to the boring bar support.

All BOA-408i bore welder systems feature self-lubricating, maintenance-free , self lubricating spindle bearings, clutched chain drive and simple, durable on-board control eliminating the need for control cables or control box.

Covered under Pat. Nos 6,137,076; 6,448,531; 6,737,608; 6,284,995; 6,486,438

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BOA-408i Bore welder packages

BOA-408i S2 Borewelder	BOA-408i S1 Borewelder	BOA-M1 Borewelder
Standard Capabilities: I.D. Weld range: 20mm-533mm (.8-21") Stroke: 178mm (7") Standard-duration welding Standard amperage welding Adjustable mounting feature enabling stand-alone operation or use with any boring bar Pass-through gun drive with tool-less telescoping feature and full, tool-less reversibility	**Standard Capabilities:** I.D. Weld range: 20mm-356mm (.8-14") Stroke: 178mm (7") Standard-duration welding Standard amperage operation Stationary mounting (system usually purchased with optional boring bar and boring bar adapter) Pass-through gun drive with tool-less telescoping feature and full, tool-less reversibility	**Standard Capabilities:** I.D. weld range: 32mm-203mm (1.8—8.0") Stroke: 260mm (10.25") Standard-amperage operation Ability to weld in compact spaces Ability to weld from either end or side of gun drive Reach: 965mm (38") (from one end) (1.9m (76") total reach if gun extender is reversed)

Standard equipment:	**Standard equipment:**	**Standard equipment:**
Welding gun positioner 120v/240v AC, automatic	Welding gun positioner 120v/240v A/C, automatic	Welding gun positioner, semi-automatic
Standard stroke telescopic ball spindle	Standard stroke telescopic ball spindle	Standard stroke ball spindle
Standard weld gun assembly	Standard weld gun assembly	Standard weld gun assembly
Standard conduit with remote weld switch	Standard conduit with remote weld switch	Standard gun extension tube assembly
Standard gun extension tube assembly	Standard gun extension tube assembly	Tool kit
Micro weld gun assembly	Micro weld gun assembly	Gun rotation handwheel
Weld gun extension 254mm (10")	Weld gun extension, 152mm (6")	Adjustable Hex mounting base kit
Bore welder support tube	Bore welder support tube	Remote control wire feeder contactor
Radial support arm	Radial support arm	Rotation speed timer tool
Tool kit	Tool kit	User's and setup guide
Standard consumables kit	Standard consumables kit	Carry case with custom nesting
Diamond plate carry case	Diamond plate carry case	Standard consumables kit
Users and setup manual	Users and setup manual	
Adjustable "T" base and tack plate kit		
Large diameter welding gun		
8" Radial extender for large diameter reach		
Handheld welding gun with quick connect		

NOTE:
All BOA-408i bore welder systems feature the pass-through drive system design. This enables simple bore-to-bore transitions by simply telescoping or retracting the bore welder gun extension assembly. The BOA-408i may also be mounted between a set of bores, and can weld our either end of the bore welder. This is a very handy feature for working on bores such as those found on the front of a pay loader because by center mounting the BOA-408i drive, only one setup is required to weld both left and right side bores. Diameter adjustment is a snap with the BOA torch pivot mechanism, also included with all BOA-408i bore welder systems.

All BOA-408i bore welder systems may be equipped with the bore welder to boring bar interface for true plug and play simplicity. Once the Bore Repair Systems, Inc. boring bar is set up, the bore welder simply plugs in to the boring bar support.

All BOA-408i bore welder systems feature self-lubricating, maintenance-free , self lubricating spindle bearings, clutched chain drive and simple, durable on-board control eliminating the need for control cables or control box.

Covered under Pat. Nos 6,137,076; 6,448,531; 6,737,608; 6,284,995; 6,486,438

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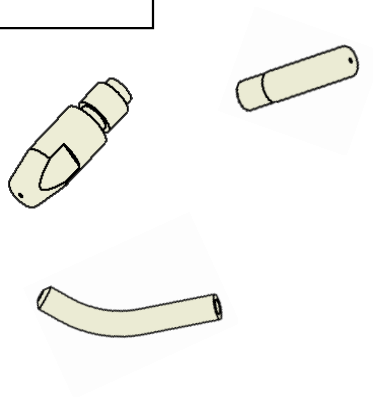
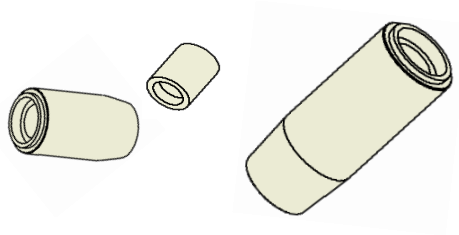
Consumable parts (welding)

Welding Tips



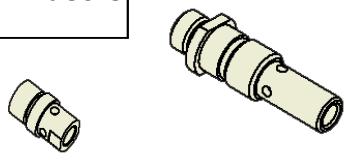
Stub tip, .8mm (.030”)	#1058
Stub tip, .9mm (.035”)	#1059
Stub tip, 1.2mm (.045”)	#1060
Standard tip, .8mm (.030”)	#1061
Standard tip, .9mm (.035”)	#1062
Standard tip, 1.2mm (.045”)	#1063
Hi-amp tip, .9mm (.035”)	#2040
Hi-amp tip, 1.2mm (.045”)	#2041
Hi-amp tip, 1.3mm (.052”)	#2042
Micro-gun tip, .8mm (.030”)	#1255

Welding Nozzles



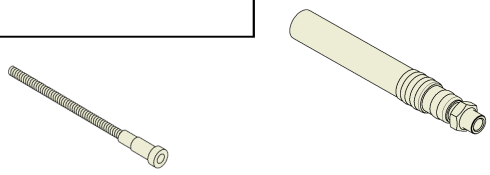
Mini nozzle, insul. ceramic 32-50mm (1.25-2.00”)	#1092C
Mini nozzle, brass 32-50mm (1.25-2.00”)	#1092B
Stub nozzle (use for dia. to 50mm (2.00”))	#1066
Standard nozzle (use for dia. Over 127mm (5.0”))	#1067
Hi-amp nozzle (for use on beam & hi-amp gun)	#2067
Hi-amp stub nozzle (use on beam & hi-amp gun)	#2074
Micro-gun nozzle body	#1258
Hand-held gun nozzle	#1308

Welding Diffusers



Mini diffuser	#1093
Standard diffuser	#1057
Hi-amp diffuser	#2068
Hi-amp stub diffuser	#2075
Hi-amp diffuser to gun adapter	#2039

Liner & Conduits



Liner, conduit replacement	#1038
Liner (1.5m (5’) section, trim to fit)	#1039
Conduit assembly, standard duty QC	#A315
Conduit assembly, heavy duty QC	#A337
Conduit assembly, extra heavy duty QC	#A338

Welding wire

Large cast bore welder wire, .8mm (.030”)	#1103
Large cast bore welder wire, .9mm (.035”)	#1202
(superior weld bead tracking with this wire)	

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Other patents pending

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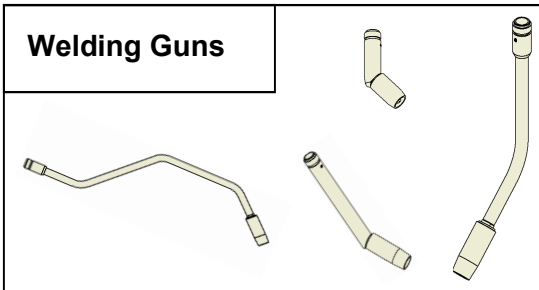
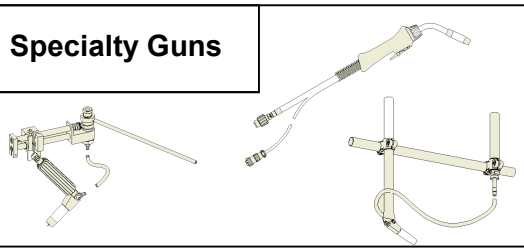
Borewelder parts & acc.

Welding Guns



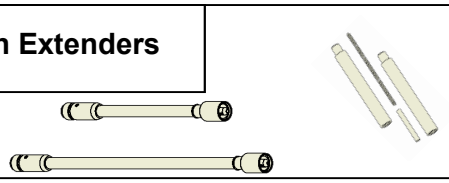
Gun, short QC	#A328
Gun, standard QC	#A313
Gun, micro QC for ID's 20-50mm (.8"-2.0")	#A336
Gun, large dia. for ID's 200-380mm (8"-15") QC	#A310
Gun, outside dia. for 25mm-305mm (1"-12") QC	#A317

Specialty Guns



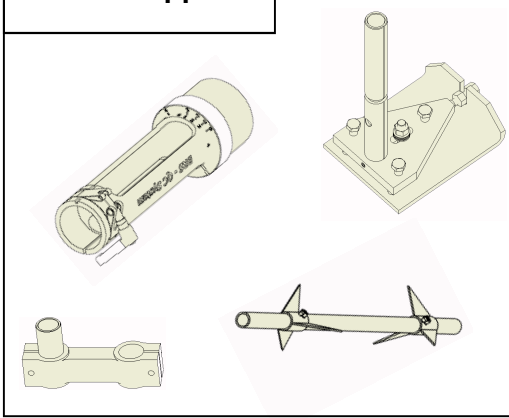
Hand held gun assembly QC	#A333
Beam gun kit (adjustable ID and OD welding)	#A133
Face welding gun kit	#A127

Gun Extenders



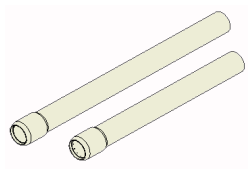
Gun extension assembly 150mm (6")	#A309
Gun extension assembly 250mm (10")	#A335
Gun diameter extension kit (125mm (5") x2	#K13.12

Welder Supports



"T" Base with tack plate and tool	#K11.11
"A" Base with tack plate and tool (compact)	#K31.21
Universal Hex mount (use with BOA-M1 only)	#A329
Radial support, BOA-M1	#A308
Support tube (BOA-M1)	#3099
Center support kit (BOA-M1)	#K31.11
Center support kit (BOA-408i)	#K11.21
Radial support extension 102mm (4")	#A118
Radial support extension 204mm (8")	#A119
Centering tube & cone kit (45-160mm(1.8-6.4"))	#K11.12

Drive Spindles



Spindle assembly, 250mm (10") (BOA-M1 only)	#A320
Spindle assembly, 356mm (14")	#A325
Spindle assembly, 457mm (18")	#A319
Spindle assembly, 610mm (24")	#A326

M1 Drive options

Trigger lock kit	#A320
Flexible drive shaft kit w/adapters	#K32.12

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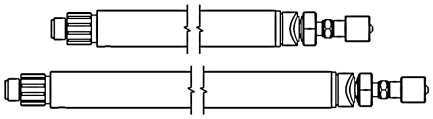
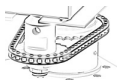
Misc. bore repair parts

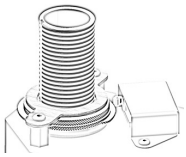
Telescoping tubes



Telescoping tube assembly, 305mm (12”)	#A339
Telescoping tube assembly, 483mm (19”)	#A316
Telescoping tube assembly, 610mm (24”)	#A340
Telescoping tube assembly, 915mm (36”)	#A341

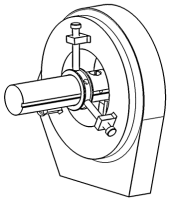
BOA 408i upgrades

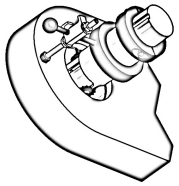


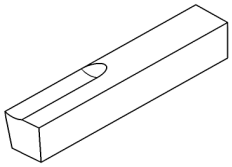


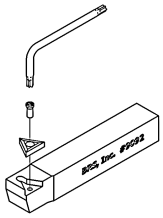
Auto-skip upgrade	#A129
Low-speed gearset kit	#K12.11
Standard-speed gearset kit	#K12.10

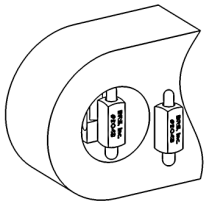
Boring bar related

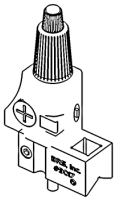


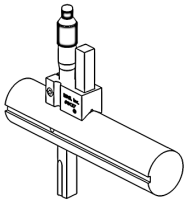


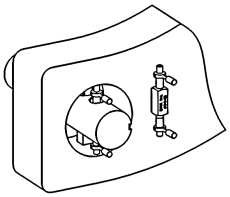












ID bore measure gage, standard model	#K92.10
ID bore measure gage, tight bore model	#K92.20
Cutting bit, high speed steel, pre-sharp 3/8” sq.	#9088
Cutting bit, high speed steel, pre-sharp 1/2” sq.	#9087
Cutting bit kit, carbide 3/8” square	#K91.10
Cutting bit kit, carbide 1/2” square	#K91.11
Multi-function tool bit adj. kit for 1/2 & 3/8” sq. bits	#K93.16
Multi-function tool bit adjuster kit for 1/2” sq. bits	#K93.12
Tool adjuster body, for 1/4” sq. bits	#A903
Tool adjuster body, for 3/8” sq. bits	#A904
Multi-function tool bit adjuster kit for 10mm sq. bit	#K93.13
Multi-function tool bit adjuster kit for 12mm sq. bit	#K93.14
Multi-function tool bit adj. kit for 16mm round bit	#K93.15
Digital micrometer head upgrade	#9089U
Boring bar align kit (low-profile) for 1.25” dia bars	#K94.10
Boring bar align kit (low profile) for 1.75” dia bars	#K94.11
Boring bar align kit (low profile) for 1.25 & 1.75”	#K94.12
Boring bar align kit (low profile) for 2.0” dia bars	#K94.13
Boring bar align kit (low profile) for 2.25” dia bars	#K94.14
Groove cutting kit for 1.5” dia bars	#K96.10
Groove cutting kit for 1.75” dia bars	#K96.11
Groove cutting kit for 2.0” dia bars	#K96.12
Groove cutting kit for 2.25” dia bars	#K96.13

Covered under Pat. Nos 6,137,076; 6,448,531; 6,737,608; 6,284,995; 6,486,438

CE

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Boring Bar Packages (EV SERIES)

EV4 Boring bar system 1-10”	EV3 Boring bar system 1.5-10”	EV2 Boring bar system 1.8-10”
Standard Capabilities / Features -I.D. Bore machining range 24-254mm (1-10”) -Electric powered—your choice 120 or 240vac -Standard reach 1.82m (72”) -Stroke: 280mm (11”) -Pass-through, mount anywhere drive system -Dual tool ports on 32 & 44mm (1.2 & 1.7”) bars (enables use of optional ID snap gage w/o tool removal) -15-170 RPM range allows use of optional snap-ring groove cutter and face machining head -Smooth, simple rotation-based feed ensures smoothest possible finishes in your bores -Fully reversible—use left or right grind bits	**Standard Capabilities:** -I.D. Bore machining range 35-254mm (1.5-10”) -Electric powered—your choice 120 or 240vac -Standard reach 1.82m (72”) -Stroke: 280mm (11”) -Pass-through, mount anywhere drive system -Dual tool ports on both boring bars (enables use of optional ID snap gage w/o tool removal) -15-170 RPM range allows use of optional snap-ring groove cutter and face machining head -Smooth, simple rotation based feed ensures smoothest possible finishes in your bores -Fully reversible—use left or right grind bits	**Standard Capabilities:** -I.D. Bore machining range 47-254mm (1.8-10”) -Electric powered—your choice 120 or 240vac -Standard reach 1.82m (72”) -Stroke: 280mm (11”) -Pass-through, mount anywhere drive system -Dual tool ports on boring bar (enables use of optional ID snap gage w/o tool removal) -15-170 RPM range allows use of optional snap-ring groove cutter and face machining head -Smooth, simple rotation based feed ensures smoothest possible finishes in your bores -Fully reversible—use left or right grind bits

Standard equipment:	**Standard equipment:**	**Standard equipment:**
Keyed, modular bar drive	Keyed, modular bar drive	Keyed, modular bar drive
Bar axial feed arm w/wear compensation	Bar axial feed arm w/wear compensation	Bar axial feed arm w/wear compensation
120v / 240v motor with variable RPM gearbox	120v / 240v motor with variable RPM gearbox	120v / 240v motor with variable RPM gearbox
(2) spherical bar supports	(2) spherical bar supports	(2) spherical bar supports
(2) adjustable bar / gearbox supports	(2) adjustable bar / gearbox supports	(2) adjustable bar / gearbox supports
Centering cone pack with compressor sleeve	Centering cone pack with compressor sleeve	Centering cone pack with compressor sleeve
Steel support brackets	Steel support brackets	Steel support brackets
Integrated control box mounted on motor	Integrated control box mounted on motor	Integrated control box mounted on motor
1.8m (6’) 44mm (1.75”) dia. chrome bore bar	1.8m (6’) 44mm (1.75”) dia. chrome bore bar	1.8m (6’) 44mm (1.75”) dia. chrome bore bar
1/2” pre-sharpened tool bit with facing grind	1/2” pre-sharpened tool bit with facing grind	1/2” pre-sharpened tool bit with facing grind
Setup and users manual with video CD	Setup and users manual with video CD	Setup and users manual with video CD
Custom aluminum diamond-plate case	Custom aluminum diamond-plate case	Custom aluminum diamond-plate case
1.8m (6’) 32mm (1.25”) dia. chrome bore bar	1.8m (6’) 32mm (1.25”) dia. chrome bore bar	
3/8” pre-sharpened tool bit with facing grind	3/8” pre-sharpened tool bit with facing grind	
Centering cone pack for 32mm (1.25”) bar	Centering cone pack for 32mm (1.25”) bar	
32mm Reducer kit for bearings & drive	32mm Reducer kit for bearings & drive	
1.2m (4’) 22mm (7/8”) dia. chrome bore bar		
1/4” pre-sharpened tool bit with facing grind		
Centering cone pack for 22mm (7/8”) bar		
22mm Reducer kit for bearings and drive		
OPTIONAL ACCESSORIES:	**OPTIONAL ACCESSORIES:**	**OPTIONAL ACCESSORIES:**
Automatic bore welder & interface kit	Automatic bore welder & interface kit	Automatic bore welder & interface kit
ID snap gage kit	ID snap gage kit	ID snap gage kit
Tool bit adjuster package	Tool bit adjuster package	Tool bit adjuster package
Shorter boring bars (all diameters)	Shorter boring bars (all diameters)	Shorter boring bars (all diameters)
Longer boring bars (all diameters)	Longer boring bars (all diameters)	Longer boring bars (all diameters)
Face machining kit	Face machining kit	Face machining kit
Snap-ring groove machining kit	Snap-ring groove machining kit	Snap-ring groove machining kit
Bar coupling kit	Bar coupling kit	Bar coupling kit
Perimeter-mount bearing and machine sup.	Perimeter-mount bearing and machine sup.	Perimeter-mount bearing and machine sup.

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Other patents pending

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Boring Bar Packages (TM,AM,BB)

AM7 Boring bar system 1.5-24”	BB6 Boring bar system 1.5-18”	TM5 Boring bar system 1-12”
Standard Capabilities / Features -I.D. Bore machining range 35-610mm (1.5-24”) -Hydraulic powered—120v, 240v or 480v pump -Standard reach 2.4m (96”) -Stroke: 280mm (11”) -Pass-through, mount anywhere drive system -Dual tool ports on both bars (enables use of optional ID snap gage w/o tool removal) -RPM range allows use of optional snap-ring groove cutter and face machining head -Smooth, simple rotation-based feed ensures smoothest possible finishes in your bores -Fully reversible—use left or right grind bits	**Standard Capabilities:** -I.D. Bore machining range 35-457mm (1.5-18”) -Electric powered—your choice 120 or 240vac -Standard reach 1.82m (72”) -Stroke: 457mm (18”) -Pass-through, mount anywhere drive system -Dual tool ports on both boring bars (enables use of optional ID snap gage w/o tool removal) -Broad RPM range allows use of optional snap-ring groove cutter and face machining head -Smooth, simple rotation based feed ensures smoothest possible finishes in your bores -Fully reversible—use left or right grind bits	**Standard Capabilities:** -I.D. Bore machining range 24-305mm (1-12”) -Hydraulic powered—120 or 240vac pump -Standard reach 1.82m (72”) -Stroke: 280mm (11”) -Pass-through, mount anywhere drive system -Dual tool ports on 32 & 44mm (1.2 & 1.7”) bars (enables use of optional ID snap gage w/o tool removal) -Broad RPM range allows use of optional snap-ring groove cutter and face machining head -Smooth, simple rotation-based feed ensures smoothest possible finishes in your bores -Fully reversible—use left or right grind bits

Standard equipment:	**Standard equipment:**	**Standard equipment:**
Keyed, modular bar drive	Keyed, modular bar drive	Keyed, modular bar drive
Bar axial feed arm w/wear compensation	Bar axial feed arm w/wear compensation	Bar axial feed arm
120v / 240v hydraulic pump	120v / 240v motor with variable RPM gearbox	120v / 240v hydraulic pump
(2) spherical bar supports	(2) compact, adjustable supports (spherical)	(2) spherical bar supports
(3) adjustable bar / gearbox supports	(2) full-size, adjustable supports (spherical)	(2) adjustable bar / gearbox supports
Centering cone pack with compressor sleeve	Centering cone package	Centering cone pack with compressor sleeve
Steel support brackets	Steel support brackets	Steel support brackets
Remote control pendant	Integrated control box mounted on motor	Integrated control box mounted on motor
(2) 1.2m (4’), (2) 1.8m (6’) & (2) 2.4m (8’) bars	1.8m (6’) 57mm (2.25”) dia. chrome bore bar	1.8m (6’) 44mm (1.75”) dia. chrome bore bar
1/2” pre-sharpened tool bit with facing grind	1/2” pre-sharpened tool bit with facing grind	1/2” pre-sharpened tool bit with facing grind
Setup and users manual with video CD	Setup and users manual with video CD	Setup and users manual with video CD
Custom carrying/storage case	Custom aluminum diamond-plate case	Custom aluminum diamond-plate case
1.8m (6’) 32mm (1.25”) dia. chrome bore bar	1.8m (6’) 32mm (1.25”) dia. chrome bore bar	1.8m (6’) 32mm (1.25”) dia. chrome bore bar
3/8” pre-sharpened tool bit with facing grind	3/8” pre-sharpened tool bit with facing grind	3/8” pre-sharpened tool bit with facing grind
Centering cone pack for 32mm (1.25”) bar	Centering cone pack for 32mm (1.25”) bar	Centering cone pack for 32mm (1.25”) bar
32mm Reducer kit for bearings & drive	32mm Reducer kit for bearings & drive	32mm Reducer kit for bearings & drive
		1.2m (4’) 22mm (7/8”) dia. chrome bore bar
		1/4” pre-sharpened tool bit with facing grind
		Centering cone pack for 22mm (7/8”) bar
		22mm Reducer kit for bearings and drive
OPTIONAL ACCESSORIES:	**OPTIONAL ACCESSORIES:**	**OPTIONAL ACCESSORIES:**
Automatic bore welder & interface kit	Automatic bore welder & interface kit	Automatic bore welder & interface kit
ID snap gage kit	ID snap gage kit	ID snap gage kit
Tool bit adjuster package	Tool bit adjuster package	Tool bit adjuster package
Shorter boring bars (all diameters)	Shorter boring bars (all diameters)	Shorter boring bars (all diameters)
Longer boring bars (all diameters)	Longer boring bars (all diameters)	Longer boring bars (all diameters)
Face machining kit	Face machining kit	Face machining kit
Snap-ring groove machining kit	Snap-ring groove machining kit	Snap-ring groove machining kit
Bar coupling kit	Bar coupling kit	Bar coupling kit
Perimeter-mount bearing and machine sup.	Perimeter-mount bearing and machine sup.	Perimeter-mount bearing and machine sup.

Covered under Pat. Nos 6,137,076; 6,448,531; 6,737,608; 6,284,995; 6,486,438
Other patents pending

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Combination Boring / Welding Packages

- Welding / Boring systems below share the same mount for easy one-step setup and boring to welding transitions
- Systems below all feature dual tool / accessory ports on bar. This feature, when used with snap gage and digital tool adjuster gives you the easiest and most accurate means of measuring the bore with the tool bit and bar still in place, and the most accurate way to adjust your tool bit for precise final cuts with .0001" precision.
- Many systems below (EV, TM and AM) feature the centering cone tightener kit. This unique kit makes the job of centering your bar and keeping the cones tight by yourself a breeze. Kit includes its own spanner wrench.
- All systems below feature the unique pass-through drive design. This design, unlike the old fashioned end-mounted designs of other brands offers users far superior setup versatility. The pass-through design is excellent for bores that are spaced far apart and for parts that have blind bores. These bores are commonly found on construction machinery.
- All packages below may be customized as you need. Packages below may swap the BOA-408i for the BOA-M1 for $2965. pkg. discount

MODEL	DESCRIPTION	PACKAGE PRICE
BRS2 ***(ELEC. DRIVE)***	**BORING SYSTEM MODEL: EV 2** ***Pass-Thru Drive*** **Electric- FOR BORES 47-254mm (1.8-10") DIAM.** **KIT DESCRIPTION:** Bar included: (1) Chromed 1 3/4"Ø x 72" long w/ dual tool holes, 115v or 220v, Hi Torque 1.5hp. Reversing Var. Elec. Drive (15-170 RPM) with reversing feed mechanism, centering cone set w/ tightener kit, 2 spherical bar support bearings, 2 machine supports, aluminum custom case, tool bit, BOA-408i bore welder package w/center support kit. (upgradable drive can run 7/8" and 1.25" dia bars) **OPTIONS AVAILABLE:** Vari-feed upgrade, thru-bar measuring tool, carbide insert tool package, small bar options (for boring down to 1" or 1 3/8" Ø (depends on kit selected) , facing tool, digital tool adjuster kit, snap-ring groove cutter.	**Call us for price** **(Comes with BOA-408i bore welder and direct mount interface)**
BRS3 ***(ELEC. DRIVE)***	**BORING SYSTEM MODEL: EV 3** ***Pass-Thru Drive Elec.-*** **FOR BORES 35-254mm (1.4-10") DIAMETER** **KIT DESCRIPTION:** 2 Bar set:: (1ea.) 1 3/4" & 1 1/4"Ø Chrome Bars x 72" long w/ dual tool ports, 115v or 220v, Hi Torque 1.5hp. Reversing Var. Elec. Drive (15-170 RPM) with reversing feed mechanism, centering cone set w/ tightener kit, 2 spherical bar support bearings, 2 machine supports, aluminum custom case, machine mount, 2 tool bits, BOA-408i bore welder package w/center support kit. . (upgradable drive can run 7/8" dia bar kit for small diameter boring) **OPTIONS AVAILABLE:** Vari-feed upgrade, thru-bar measuring tool, carbide insert tool package, small bar options (for boring down to 15/16" Ø, facing tool, custom length bars & tool ports, digital tool bit adjuster, snap-ring groove cutter.	**Call us for price** **(Comes with BOA-408i bore welder and direct mount interface)**
BRS4 ***(ELEC. DRIVE)***	**BORING SYSTEM MODEL: EV 4** ***Pass-Thru Drive Elec. -*** **FOR BORES 24-254mm (.8-10") DIAMETER** **KIT DESCRIPTION:** 3 Bar set:: (1ea.) 1 3/4"&1 1/4" Ø Chrome Bars x 72" long w/ dual tool ports, (1) 7/8"Ø Chrome Bar x48", 115v or 220v, Hi Torque 1.5hp. Reversing Var. Elec. Drive (15-170 RPM) with reversing feed mechanism, centering cone set w/ kit, 2 spherical bar support bearings, 2 machine supports, aluminum custom case, adj. machine mount, reducer kits for 1.25" and 7/8" bars, centering cones for all bar sizes w/tightener kit plus 3 tool bits, BOA-408i bore welder package w/center support kit. **OPTIONS AVAILABLE:** Vari-feed upgrade, thru-bar measuring tool, carbide insert tool package, facing tool, digital tool adjustment kit, snap-ring groove cutter, custom length bars & tool ports.	**Call us for price** **(Comes with BOA-408i bore welder and direct mount interface)**
BRS5 ***(HYD. DRIVE)***	**BORING SYSTEM MODEL: TM 5** ***Pass-Thru Drive Hydraulic-*** **FOR BORES 35-305mm (1.4-12") DIAMETER** **KIT DESCRIPTION:** 4 Bar set: 1 ¾"Ø and 1 1/4"Ø Bars consisting of (1ea.)x48" lg and (1ea.)x96" lg, 115v, 1.5hp hydraulic drive (35 and 75 RPM), centering cones w/tightener kit, 2 spherical bar support bearings, 3 universal machine supports, 2 tool bits, custom storage case, BOA-408i bore welder package w/center support kit. **OPTIONS AVAILABLE:** Electric drive, variable-speed 5hp Hyd drive upgrade, vari-feed, micro "SE" 7/8" bore bar kit, (for 24mm (1 3/8") Ø min) facing head, ID bore measuring tools, snap-ring groove cutter, custom length bars, digital tool adjustment kit.	**Call us for price** **(Comes with BOA-408i bore welder and direct mount interface)**
BRS6 ***(ELEC. DRIVE)***	**BORING SYSTEM MODEL: BB 6** ***Pass-Thru Drive Electric*** **FOR BORES 35-457mm (1.4-18") DIAMETER(expandable to over 610mm (24")** Diameter capability **KIT DESCRIPTION:** 2 ¼"Ø Bar x 72" long, 1.25"∅ Bar x 72" long w/dual tool ports , 1.6 hp electric drive option, alignment cones, tooling, tool extensions , 3 adjustable bar/machine supports, tool kit & custom storage case, BOA-408i bore welder package w/bore welder adapter kit. **OPTIONS AVAILABLE:** Lg. bore kit (up to 24"Ø), facing head, carbide tooling kit, pneumatic drive, 10 hp hydraulic drive, custom length bars, digital tool adjustment gage, ID bore measuring gage kit, snap ring groove cutting kit. (also available without 1.25" dia bar package—call for price)	**Call us for price** **(Comes with BOA-408i bore welder and direct mount interface)**
BRS7 ***(HYD. DRIVE)***	**BORING SYSTEM MODEL: AM 7** ***Pass-Thru Drive Hydraulic*** **FOR BORES 35-610mm (1.4-24") DIAMETER (expandable to 762mm (30")** Diameter capability **KIT DESCRIPTION:** 6 bar package: 2" & 1.25" Ø Bars x 96", 72"& 48" long, 1.5 hp hydraulic drive, (110v/220v pump) alignment cones w/tightener, tooling, 2 spherical bearings & 2 machine supports, cases, BOA-408i bore welder package w/center support kit. **OPTIONS AVAILABLE:** Lg. bore kit (up to 30"Ø), facing head, carbide tooling kit, custom length bars, digital tool adjuster kit, thru-bar ID measure kit, snap ring cutting tool , 5hp hydraulic drive upgrade	**Call us for price** **(Comes with BOA-408i bore welder and direct mount interface)**

Covered under Pat. Nos 6,137,076; 6,448,531; 6,737,608; 6,284,995; 6,486,438
Other patents pending - DATE CODE 5/2012

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Specialty equipment

BOA-550HD borewelder	BOA-L34 linear welder	BOA-SIZER bore finisher
Specifications: -Stroke: 410mm (16”) -Reach: 1780mm (70”) -Min. diameter HD Std.: 89mm (3.5”) -Min. diameter HD Opt.: 63mm (2.5”) -Max. diameter Std.: 1270mm (50”) -Max. diameter Opt.: 1830mm (72”) -AutoSkip: Standard -Weld Modes: ID, OD and Faces -Max. Step: 6.4mm (.25”) -Max. Amperage Std.: 225 -Max. Amperage Opt.: 300 -QC Conduit System -QC Gun System -Variable Mechanical Feed -BOA-408i Compatible -Input Volts: 115/240v AC	**Specifications:** -Max Extension: 250cm (100”) -Stroke: 860mm (34”) -Min. Step: 2.5mm (.1:) -Max. Step: 6.4mm (.25”) -Feed: Mechanical -Min. Diameter: 25mm (1”) -Max. Diameter: No Limit -Max. Amperage: 300 -QC Conduit System -QC Gun System -BOA-408i Compatible -Input Volts: 115/240v AC	**Specifications:** -Min. Diameter: 44mm (1.75”) -Max Diameter: 260mm (10.25”) -Stroke Stops: Quick Set -Attaches to: Boring Bar or Stand Alone base -Stones: Roughing and Finishing -Driveshafts: 4 lengths -Removal Rate: .025 (.001”) /minute -Vertical Operation Weight Assist

Standard equipment includes:	**Standard equipment includes:**	**Standard equipment:**
Adjustable Base	Leveling Base	HD Drive Motor
SS Support Rod	Activation Switch	#6 and #7 Sizer Head
Radial Extension Arms (2)	Heavy Duty Gun	Driveshafts (5)
Conduit Support Tube	Heavy Duty Consumables Kit	Universal Joint Assembly
Heavy Duty Gun	Drive System	Anti-Torque Backbone Assembly
Gun Extenders (2)	Conduit Assembly	In/Out Stop Rod Kit
Beam Gun Kit	Aluminum Diamond Plate Case	Carrying Case
Heavy Duty Consumables Kit	User’s Manual	Sizing Oil
Aluminum Diamond Plate Case	1 year warranty	User’s Manual
User’s Manual		1 year warranty
Drive System		
Conduit Assembly		
1 year warranty		
OPTIONAL ACCESSORIES:	**OPTIONAL ACCESSORIES:**	**OPTIONAL ACCESSORIES:**
Boring bar system	Part rotation turntable	Automatic boring bar kit
Face welding system	MIG wirefeeder adapter	Automatic bore welder kit
Small diameter HD gun	Custom welding gun	
Extended range / reach components		
MIG wirefeeder adapter		

Covered under Pat. Nos 6,137,076; 6,448,531; 6,737,608; 6,284,995; 6,486,438
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BORE REPAIR Systems, Inc.

EQUIPMENT LEASE APPLICATION

Lease/Rate Questions? Bob Bakofen
HCL Associates, Inc
77 Horton St, W. Islip, NY
11795
Phone: 800 599 5510

EQUIPMENT / PRICING QUESTIONS? CALL BRS PHONE: 800-650-1005

Please Fax to 800 599 5440 for Immediate Application Processing

COMPANY INFORMATION		
Company Legal Name	**d/b/a**	
Street Address		**County**
City/State/Zip Code	**Bus. Phone**	**Fax Number**
Years in Business	**E mail address**	**Federal Tax I.D. #**

Please Check: ☐ **Corporation** ☐ **LLC** ☐ **Partnership** ☐ **Proprietorship** ☐ **Non-Profit**

OWNER/PRINCIPAL INFORMATION		
Name	**Home Address**	**City/St/Zip**
Soc. Sec. #	**Title**	**% of Ownership**
Name	**Home Address**	**City/St/Zip**
Soc. Sec. #	**Title**	**% of Ownership**

If additional Principals, please include on additional sheet.

BANK INFORMATION		
Name of Bank	**Contact**	
Bus. Checking Account #	**Phone Number**	**How Many Years?**
Other Loan, or Trade References:	**Acct. #**	**Phone Number:**
Other Loan, or Trade References:	**Acct. #**	**Phone Number:**
Landlord or Mortgage References:	**Acct. #**	**Phone Number:**

By signing below, the undersigned individual, who is either a principal of the credit applicant or a personal guarantor of its obligations, provides written instruction to the lessor, or its designee (and any assignee or potential assignee thereof) authorizing review of his/her personal credit profile from a national credit bureau and permission to obtain a reference from the above referenced Bank. Such authorization shall extend to obtaining a credit profile in considering this application and subsequently for the purposes of update, renewal or extension of such credit or additional credit and for reviewing or collecting the resulting account. A Photostat or facsimile copy of this authorization shall be valid as the original. By signature below, I/we affirm my/our identity as the respective individuals identified in the above application.

Signature of Applicant X _____ **Date:** _____

Signature of Applicant X _____ **Date:** _____

VENDOR INFORMATION AND LEASE TERMS

Vendor Name and Address: **Bore Repair Systems, Inc. - 97 Lower Cemetery Road - Langdon, NH 03602**

Cost: $ _____ **Contact:** **Erik Esslinger** **Phone Number:** **603-835-2409**

Equipment Description: _____

Lease Term (months): ☐ **12** ☐ **24** ☐ **36** ☐ **48** ☐ **60** ☐ **Other**

Purchase Options: ☐ **$1.00** ☐ **10% of Equipment Cost** ☐ **Fair Market Value** ☐ **Other**